User Manual

LED PixPAR pro Tri-24

24 High Powered Tri-Colour LEDs

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1. Safety Instructions

FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature.
Avoid exposing it to direct rays of sun near a heating appliance.
Do not put it in a temperature below 41°F/5°C, or exceeding 95°F/35°C.

Keep away from humidity, water and dust.
Do not place the set in a location with a high humidity or lots of dust.
Containers with water should not be placed on the set.

Keep away from sources of hum and noise
Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location
Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning
Use a dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

NO USER SERVICABLE PARTS INSIDE.
If unit is out of service please contact your point of purchase.

If any troubles arise, remove the power plug and contact your Pro Shop representative for repair. Do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable. Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.

When not using the unit for an extended period of time be sure to disconnect the plug form the receptacle.

1.1. Overhead Rigging

This item must be built in a way that it can hold 10 times more of its weight for 1 hour without causing any damages. The installation must be secured with a secondary safety attachment. The Safety attachment has to be constructed in a way that no part of the installation can fall down. When rigging, de-rigging or servicing the fixture staying in the area below the installation place, on bridges, under high working places and other endangered areas us forbidden. Before taking the device in operation, the installation must be approved by an expert. The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE.
Including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installations yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and/or damage to property.

Use only professional trussing system if the item shall be lowered from the ceiling or high joists. Never let the device swing freely in a room.

CAUTION: Overhead Items may cause serious injuries when crashing down!! If there is concern about the safety then DO NOT INSTALL the device.

DANGER OF FIRE!
When installing the device, make sure there is no highly-flammable material (decoration articles, etc) within a distance of min. 0.5m.

Mount the projector with the mounting bracket to your trussing system using an appropriate clamp.
For overhead use, always install a safety-rope that can hold at least 10 times the weight of the fixture. You must only use safety –ropes with quick links with screw cap. Pull the safety-rope through the hole in the mounting bracket and over the trussing system or a safe fixation spot. Insert the end in the quick link and tighten the safety screw. The maximum drop distance must never exceed 20cm
A safety rope which already held the strain of a crash or which is defective must not be used again.

DANGER TO LIFE!
Before taking into operation for the first time, the installation has to be approved by an expert.

1.2. Power Connection

!! CAUTION !!

Never leave this device running unattended!! Every person that is involved with this item has to be qualified!!

Connect item with main plug. The voltage and frequency must exactly be the same as stated on the device. The power plug must always be inserted without force.

1.3. Cleaning and Maintenance

Please make sure that safety-relating and machine-technical installations are inspected by a skilled person once a year.

1. Make sure before installing that all screws are tightly connected and not corroded.
2. There must be no deformations on the housings, fixations and installations spots
3. No damages must be showed on the power supply cables, material fatigue and sediments

If the exterior of the unit is going to be cleaned, please use moist, lint free cloths. Never use alcohol or solvents.

The Cooling fan must be cleaned monthly and check to ensure it is free of obstructions.

To clean the interior of the device please use a vacuum cleaner or an air jet, however we recommend cleaning the lenses weekly to ensure the best output from your unit.

2.0 Menu navigation

Menu Selection	Options	Extended Options
Auto Show Allows the user to select in built auto show	Auto Show 1	Auto Show Speed 0-100, slow-fast
	Auto Show 2	
	Auto Show 3	
	Auto Show 4	
	Auto Show 5	
	Auto Show 6	
	Auto Show 7	

Static Allows the user to select non-changing output colours and shades, as well as setting the master output colour mix	**Fixture Colour**	**Fixture Colour**
	Select RGB	select desired colour
	Select S	Select strobe intensity
	Select C	C1: Red C2: Green C3: Blue C4: Cyan C5: Magenta C6: Yellow C7: White

Dimmer Mode	Off	Dimmer Speed off

Allows the user to select from 4 options of dimming speeds	Dimmer 1	Dimmer Speed Fast
	Dimmer 2	Dimmer Speed Medium
	Dimmer 3	Dimmer Speed Slow

Back Lite Adjusts the setting of the LCD back light	On	LCD Backlight will remain on
	10s	LCD off after 10 seconds
	20s	LCD off after 20 seconds
	30s	LCD off after 30 seconds

DMX Address Set the unit start address	DMX Address	001-512

DMX Channel Adjust the DMX mode of the unit	3 Channel mode	RGB
	9 Channel mode	RGB + Macro + Strobe + Auto
	12 Channel Mode	4 RGB sections
	72 Channel Mode	Individual pixel control

Master / Slave Allows the unit to be set in slave mode to copy other units on DMX chain	Master	Master Mode
	Slave	Slave Mode

3.0 DMX Allocation

3 Channels Mode:

CHANNEL	VALUE	FUNCTION	
1	000-255	Red: 0% ~ 100%	
2	000-255	Green: 0% ~ 100%	
3	000-255	Blue: 0% ~ 100%	

9 Channels Mode:

CHANNEL	VALUE	FUNCTION
1	000-255	Dimmer
2	000-255	Red
3	000-255	Green
4	000-255	Blue
5 COLOR MACRO	000-010	No Function
	011-030	RED 100% / GREEN 0~100% / BLUE 0%
	031-050	RED 100%-0 / GREEN 100% / BLUE 0%
	051-070	RED 0% / GREEN 100% / BLUE 0-100%
	071-090	RED 0% / GREEN 100%-0 / BLUE 100%
	091-110	RED 0-100% / GREEN 0% / BLUE 100%
	111-130	RED 100% / GREEN 0% / BLUE 100%-0
	131-150	RED 100% / GREEN UP / BLUE 0-100%
	151-170	RED 0-100% / GREEN 100%-0 / BLUE 100%
	171-200	RED 100% / GREEN 100% / BLUE 100%
	201-205	WHITE 1: 3200K
	206-210	WHITE 2: 3400K
	211-215	WHITE 3: 4200K
	216-220	WHITE 4: 4900K
	221-225	WHITE 5: 5600K
	226-230	WHITE 6: 5900K
	231-235	WHITE 7: 6500K
	236-240	WHITE 8: 7200K
	241-245	WHITE 9: 8000K
	246-250	WHITE 10: 8500K
	251-255	WHITE 11: 10000K
6 STROBE	000-009	No function
	010-255	0-100% (0-30Hz)
7 AUTO PROGRAMS	000-009	No function
	010-019	Fade transition (R,G,B,C,M,Y,W) 0% - 100% - 0%
	020-029	Fade transition (R,G,B,C,M,Y,W) 0% - 100%
	030-039	Fade transition (R,G,B,C,M,Y,W) 100% - 0%
	040-049	Auto fade transition (colors randomly)

	050-059	Loop of P1 - P4
	060-069	Pixel program #1
	070-079	Pixel program #2
	080-089	Pixel program #3
	090-099	Pixel program #4
	100-109	Pixel program #5
	110-119	Pixel program #6
	120-129	Pixel program #7
	130-139	Pixel program #8
	140-149	Pixel program #9
	150-159	Pixel program #10
	160-169	Pixel program #11
	170-179	Pixel program #12
	180-189	Pixel program #13
	190-199	Pixel program #14
	200-209	Pixel program #15
	210-219	Pixel program #16
	220-229	Pixel program #17
	230-239	Random pixel program
	240-249	Pixel program scroll #1-17
	250-255	Pixel program scroll to sound #1-17
8 SPEED	000-255	0-100% (Slow - Fast)
9 DIMMER CURVE	000-051	Default dimmer speed
	052-101	Linear dimmer
	102-152	Non-linear dimmer 1
	153-203	Non-linear dimmer 2
	204-255	Non-linear dimmer 3

12 Channels Mode:

CHANNEL	VALUE	FUNCTION
1	000-255	Dimmer Red: 0% ~ 100%
2	000-255	Dimmer Green: 0% ~ 100%
3	000-255	Dimmer Blue: 0% ~ 100%
4	000-255	Dimmer Red: 0% ~ 100%

5	000-255	Dimmer Green: 0% ~ 100%
6	000-255	Dimmer Blue: 0% ~ 100%
7	000-255	Dimmer Red: 0% ~ 100%
8	000-255	Dimmer Green: 0% ~ 100%
9	000-255	Dimmer Blue: 0% ~ 100%
10	000-255	Dimmer Red: 0% ~ 100%
11	000-255	Dimmer Green: 0% ~ 100%
12	000-255	Dimmer Blue: 0% ~ 100%

72 Channels Mode:

CHANNEL	VALUE	FUNCTION
1	000-255	Dimmer Red: 0% ~ 100%
2	000-255	Dimmer Green: 0% ~ 100%
3	000-255	Dimmer Blue: 0% ~ 100%
4	000-255	Dimmer Red: 0% ~ 100%
5	000-255	Dimmer Green: 0% ~ 100%
6	000-255	Dimmer Blue: 0% ~ 100%
•	•	•
•	•	•
•	•	•
70	000-255	Dimmer Red: 0% ~ 100%
71	000-255	Dimmer Green: 0% ~ 100%
72	000-255	Dimmer Blue: 0% ~ 100%

4.0 Technical Specifications

Power supply: 100 -240 V AC, 50/60 Hz ~
Power consumption: 199 W
Number of LEDs: 24 PCS Tri-colour RGB 3in1 3W LED
Beam angle: approx. 20°
Dimensions (LxWxH): 368 x 345 x 93 mm
Weight: 4.5 kg